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* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JAN 02	STN pricing information for 2008 now available
NEWS	3	JAN 16	CAS patent coverage enhanced to include exemplified prophetic substances
NEWS	4	JAN 28	USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats
NEWS	5	JAN 28	MARPAT searching enhanced
NEWS	6	JAN 28	USGENE now provides USPTO sequence data within 3 days of publication
NEWS	7	JAN 28	TOXCENTER enhanced with reloaded MEDLINE segment
NEWS	8	JAN 28	MEDLINE and LMEDLINE reloaded with enhancements
NEWS	9	FEB 08	STN Express, Version 8.3, now available
NEWS	10	FEB 20	PCI now available as a replacement to DPCI
NEWS	11	FEB 25	IFIREF reloaded with enhancements
NEWS	12	FEB 25	IMSPRODUCT reloaded with enhancements
NEWS	13	FEB 29	WPINDEX/WPIDS/WPIX enhanced with ECLA and current U.S. National Patent Classification
NEWS	14	MAR 31	IFICDB, IFIPAT, and IFIUDB enhanced with new custom IPC display formats
NEWS	15	MAR 31	CAS REGISTRY enhanced with additional experimental spectra
NEWS	16	MAR 31	CA/CAplus and CASREACT patent number format for U.S. applications updated
NEWS	17	MAR 31	LPCI now available as a replacement to LDPCI
NEWS	18	MAR 31	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	19	APR 04	STN AnaVist, Version 1, to be discontinued
NEWS	20	APR 15	WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS	21	APR 28	EMBASE Controlled Term thesaurus enhanced
NEWS	22	APR 28	IMSRESEARCH reloaded with enhancements
NEWS	23	MAY 30	INPAFAMDB now available on STN for patent family searching
NEWS	24	MAY 30	DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option
NEWS	25	JUN 06	EPFULL enhanced with 260,000 English abstracts
NEWS	26	JUN 06	KOREAPAT updated with 41,000 documents
NEWS	27	JUN 13	USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications

NEWS EXPRESS FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 10:19:35 ON 19 JUN 2008

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 10:20:12 ON 19 JUN 2008
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 18 JUN 2008 HIGHEST RN 1029146-45-9
DICTIONARY FILE UPDATES: 18 JUN 2008 HIGHEST RN 1029146-45-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

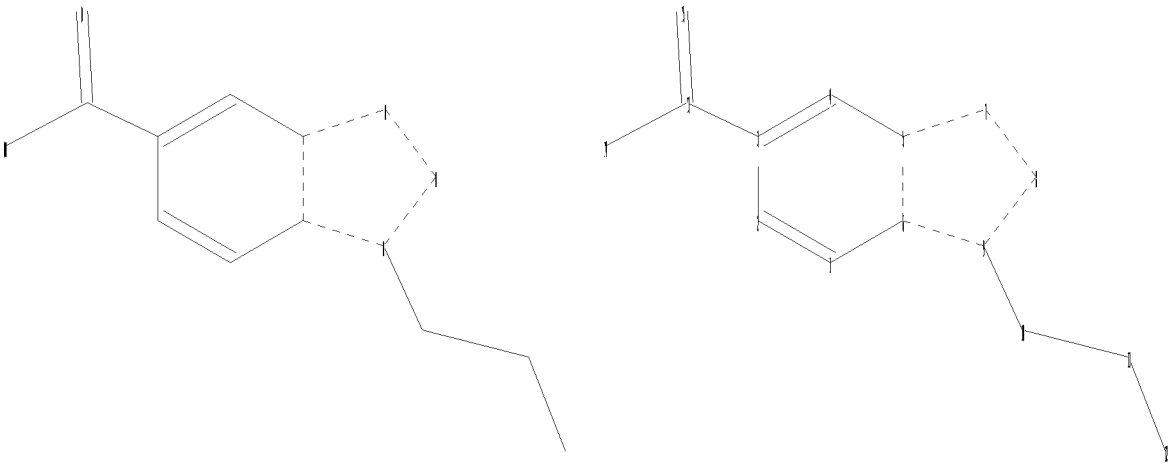
TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>
Uploading C:\Program Files\STNEXP\Queries\10533799s.str



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ring nodes :
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chain bonds :
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ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6  5-7  6-9  7-8  8-9
exact/norm bonds :
1-2  1-6  2-3  3-4  4-5  5-6  5-7  6-9  7-8  8-9  9-10
exact bonds :
3-13  10-11  11-12
normalized bonds :
13-14  13-15


Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:Atom  8:Atom  9:Atom  10:CLASS
11:CLASS  12:CLASS  13:CLASS  14:CLASS  15:CLASS



L1      STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1              STR
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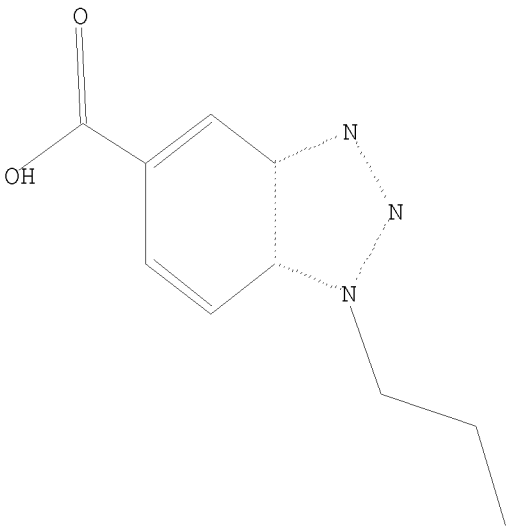


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Structure attributes must be viewed using STN Express query preparation.


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SAMPLE SCREEN SEARCH COMPLETED -        8 TO ITERATE

100.0% PROCESSED        8 ITERATIONS                                1 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
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                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:            8 TO      329
PROJECTED ANSWERS:               1 TO       80

L2            1 SEA SSS SAM L1

=> s l1 full
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FULL SCREEN SEARCH COMPLETED -      150 TO ITERATE

100.0% PROCESSED      150 ITERATIONS                              22 ANSWERS
SEARCH TIME: 00.00.01

L3           22 SEA SSS FUL L1

=> fil caplus
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                     178.36     178.57

FILE 'CAPLUS' ENTERED AT 10:20:34 ON 19 JUN 2008
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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)
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FILE COVERS 1907 - 19 Jun 2008  VOL 148 ISS 25
FILE LAST UPDATED: 18 Jun 2008  (20080618/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/legal/infopolicy.html

=> s l3
L4            5 L3

=> d ibib abs hitstr tot
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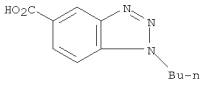
L4 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2006:83112 CAPLUS
DOCUMENT NUMBER: 144:304501
TITLE: 1-Alkyl-benzotriazole-5-carboxylic Acids Are Highly Selective Agonists of the Human Orphan G-Protein-Coupled Receptor GPR109b
AUTHOR(S): Semple, Graeme; Skinner, Philip J.; Cherrier, Martin C.; Webb, Peter J.; Sage, Carleton R.; Tamura, Susan Y.; Chen, Ruoping; Richman, Jeremy G.; Connolly, Daniel T.
CORPORATE SOURCE: Medicinal Chemistry and Discovery Biology, Arena Pharmaceuticals, San Diego, CA, 92121, USA
SOURCE: Journal of Medicinal Chemistry (2006), 49(4), 1227-1230
CODEN: JMCMAR; ISSN: 0022-2623
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 144:304501

AB 1-Substituted benzotriazole carboxylic acids have been identified as the first reported examples of selective small-mol. agonists of the human orphan G-protein-coupled receptor GPR109b (HM74), a low-affinity receptor for the HDL-raising drug niacin. No activity was observed at the highly homologous high-affinity niacin receptor GPR109a (HM74A). The high degree of selectivity was attributed to a difference in the amino acid sequence adjacent to a key arginine-ligand interaction allowing somewhat larger ligands to be tolerated by GPR109b.

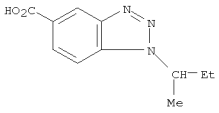
IT 120321-66-6P 691363-09-4P 691363-10-7P
691363-12-9P 691363-32-3P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(1-alkyl-benzotriazole-5-carboxylic acids preparation and action as highly selective agonists of Human Orphan G-Protein-Coupled Receptor GPR109b)

RN 120321-66-6 CAPLUS
CN 1H-Benzotriazole-5-carboxylic acid, 1-butyl- (CA INDEX NAME)



RN 691363-09-4 CAPLUS
CN 1H-Benzotriazole-5-carboxylic acid, 1-(1-methylpropyl)- (CA INDEX NAME)

L4 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



RN 691363-10-7 CAPLUS
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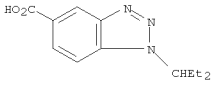

RN 691363-12-9 CAPLUS
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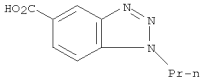
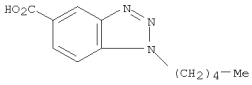


RN 691363-32-3 CAPLUS
CN 1H-Benzotriazole-5-carboxylic acid, 1-pentyl- (CA INDEX NAME)

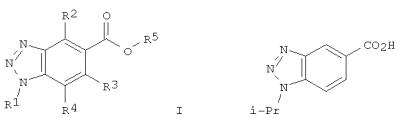


REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2004:412809 CAPLUS
DOCUMENT NUMBER: 141:7118
TITLE: Preparation of benzotriazole-5-carboxylic acids for treatment of metabolic-related disorders
INVENTOR(S): Semple, Graeme; Skinner, Philip; Cherrier, Martin; Webb, Peter; Tamura, Susan Yoshiko
PATENT ASSIGNEE(S): Arena Pharmaceuticals, Inc., USA
SOURCE: PCT Int. Appl., 85 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 2004041274	A1	20040521	WO 2003-US35427		20031104
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW					
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG					
AU 2003291342	A1	20040607	AU 2003-291342		20031104
US 20060122240	A1	20060608	US 2005-533799		20050504
PRIORITY APPLN. INFO.:			US 2002-423819P	P	20021105
			WO 2003-US35427	W	20031104

OTHER SOURCE(S): MARPAT 141:7118
GI

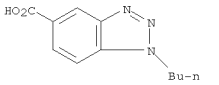


I II

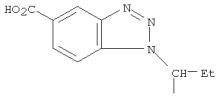
AB The title benzotriazolecarboxylic acid derivs. with general formula of I [wherein R1 = (un)substituted alkyl, cycloalkyl, or haloalkyl; R2-R4 = independently H, acyl, acyloxy, alkenyl, alkoxy, alkyl, OH, NO2, SH, etc.; R5 = H or alkyl; with provisos], or pharmaceutically acceptable salts or solvates thereof are prepared For example, 4-isopropylamino-3-nitrobenzoic acid (preparation given) was treated with H2 in AcOEt in the presence of 10% Pd/C to give the diamine. The diamine was treated with polymer supported nitrate in AcOH to give 1-isopropyl-1H-benzotriazole-5-carboxylic acid (II) (81% in two steps). II showed inhibitory activity with EC50 of 388 nM against hRUP38. I are useful for the treatment of metabolic-related disorders, including dyslipidemia, atherosclerosis, coronary heart disease, insulin resistance, Type II diabetes, syndrome-X, etc. (no data).

IT 120321-66-6P 691363-09-4P 691363-10-7P
691363-12-9P 691363-14-1P 691363-25-4P
691363-26-5P 691363-27-6P 691363-28-7P
691363-32-3P 691363-33-4P 691363-35-6P
691363-40-3P 691363-41-4P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; preparation of benzotriazolecarboxylic acids for treatment of metabolic-related disorders)

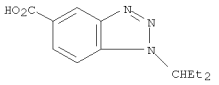
RN 120321-66-6 CAPLUS
CN 1H-Benzotriazole-5-carboxylic acid, 1-butyl- (CA INDEX NAME)



RN 691363-09-4 CAPLUS
CN 1H-Benzotriazole-5-carboxylic acid, 1-(1-methylpropyl)- (CA INDEX NAME)

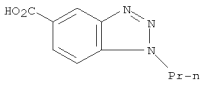


RN 691363-10-7 CAPLUS
CN 1H-Benzotriazole-5-carboxylic acid, 1-(1-ethylpropyl)- (CA INDEX NAME)



RN 691363-12-9 CAPLUS
CN 1H-Benzotriazole-5-carboxylic acid, 1-propyl- (CA INDEX NAME)

L4 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



RN 691363-14-1 CAPLUS
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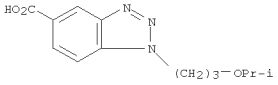

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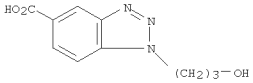

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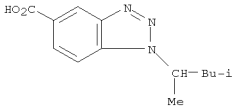
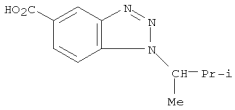


RN 691363-27-6 CAPLUS
CN 1H-Benzotriazole-5-carboxylic acid, 1-(3,3-dimethylbutyl)- (CA INDEX NAME)

L4 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



RN 691363-40-3 CAPLUS
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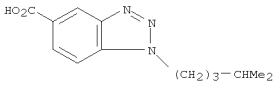

RN 691363-41-4 CAPLUS
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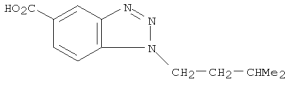
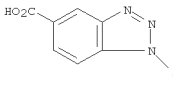


L4 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



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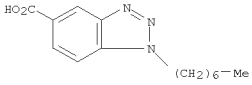

RN 691363-32-3 CAPLUS
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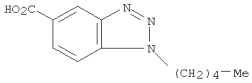

RN 691363-33-4 CAPLUS
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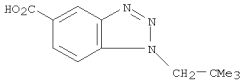

RN 691363-35-6 CAPLUS
CN 1H-Benzotriazole-5-carboxylic acid, 1-(1,2-dimethylpropyl)- (CA INDEX NAME)

L4 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2002:236909 CAPLUS
DOCUMENT NUMBER: 136:261911
TITLE: Process for the fermentative non-proteinogenic production of L- amino acids
INVENTOR(S): Maier, Thomas
PATENT ASSIGNEE(S): Consortium Fuer Elektrochemische Industrie Gmbh, Germany
SOURCE: Eur. Pat. Appl., 19 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1191106	A1	20020327	EP 2001-120750	20010906
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DE 10046934	A1	20020418	DE 2000-10046934	20000921
AT 265541	T	20040515	AT 2001-120750	20010906
ES 2220639	T3	20041216	ES 2001-120750	20010906
JP 2002165598	A	20020611	JP 2001-283510	20010918
CA 2357469	A1	20020321	CA 2001-2357469	20010919
ZA 2001007763	A	20020516	ZA 2001-7763	20010920
AU 758402	B2	20030320	AU 2001-75562	20010920
MX 2001PA09508	A	20030519	MX 2001-PA9508	20010920
RU 2226550	C2	20040410	RU 2001-125710	20010920
HU 2001003764	A2	20060130	HU 2001-3764	20010920
US 20020039767	A1	20020404	US 2001-957961	20010921
US 6756216	B2	20040629		
CN 1344801	A	20020417	CN 2001-142225	20010921
BR 2001004188	A	20020507	BR 2001-4188	20010921
TW 258507	B	20060721	TW 2001-90123402	20010921
SK 286163	B6	20080407	SK 2001-1348	20010921
US 20040197879	A1	20041007	US 2004-833569	20040428
US 6939967	B2	20050906		
US 20050222426	A1	20051006	US 2005-130955	20050517
US 7015331	B2	20060321		

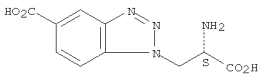
PRIORITY APPLN. INFO.: DE 2000-10046934 A 20000921
US 2001-957961 A3 20010921
US 2004-833569 A3 20040428

OTHER SOURCE(S): CASREACT 136:261911; MARPAT 136:261911

AB A process is provided for the fermentative non-proteinogenic production of L- amino acids. This process employs an Escherichia coli strain whose cysteine metabolism has been deregulated in a fed-batch fermentation where a nucleophile is dosed with the feed solution As a result, the nucleophile is incorporated into either L-cysteine or L-alanine to produce unique derivs. which may be of use as intermediates in pharmaceutical production Thus, S-phenyl-L-cysteine was produced in a fermentation of Escherichia coli strain

L4 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
W3110/pA-CYC184-cysEX-GAPDH-ORF306 that was fed a 1M sodium thiophenol suspension.
IT 405150-17-6P
RL: BMF (Bioindustrial manufacture); BPN (Biosynthetic preparation); BIOL (Biological study); PREP (Preparation)
(process for fermentative non-proteinogenic production of L- amino acids)
RN 405150-17-6 CAPLUS
CN 1H-Benzotriazole-1-propanoic acid, α-amino-5-carboxy-, (αS)- (CA INDEX NAME)

Absolute stereochemistry.

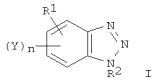


REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1995:350455 CAPLUS
DOCUMENT NUMBER: 122:147311
ORIGINAL REFERENCE NO.: 122:27079a,27082a
TITLE: Negative-working photoimaging composition
INVENTOR(S): Amanokura, Hitoshi; Uehara, Hideaki; Tachiki, Shigeo; Kato, Takuro; Tsukada, Katsushige; Yamazaki, Juji; Takahashi, Tosha; Shiotani, Toshihiko; Nagashima, Yoshihisa
PATENT ASSIGNEE(S): Dai Nippon Toryo KK, Japan; Hitachi Chemical Co., Ltd.
SOURCE: Jpn. Kokai Tokkyo Koho, 15 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 06184473	A	19940705	JP 1992-337123	19921217
PRIORITY APPLN. INFO.:			JP 1992-337123	19921217

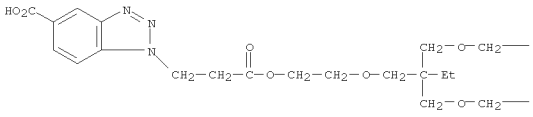
OTHER SOURCE(S): MARPAT 122:147311
GI



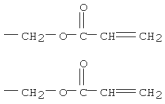
AB A neg.-working photoimaging composition for producing polymer patterns on which
Cu can be deposited and useful in manufacture of integrated elec. circuits
comprises (a) a resin obtained by neutralizing a resin having carboxyl groups and an acid value of 20-300 with a base, (b) an insol. monomer having ≥2 photopolymerizable double bonds and to which a compound having an aromatic or heterocyclic ring on the side chain, capable of forming
a chelate with Cu, and having a carboxyl or sulfonic acid group and/or a salt formed from the above compound and a base is introduced, and (c) an insol. photoinitiator, in which the above salt is represented by the formula I (R1 = H, OH, halogen, alkyl, alkoxy, or XR3 where X = alkylene, cycloalkylene, or an alkylene ether group; R3 = H, alkoxy, carboxyl or its
salt, an sulfonic acid group or its salt, or dialkylamino; R2 = H, OH, alkyl, Ph, or ZR4 where Z = alkylene, cycloalkylene, or an alkylene ether group; R4 = H, alkoxy, carboxyl or its salt, an sulfonic acid group or its
salt, or dialkylamino; Y = carboxyl or its salt or an sulfonic acid group or its salt; n = an integer of 1-3).
IT 160878-55-7P 160878-56-8P 160878-57-9P
RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

L4 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
(neg.-working photoimaging compns. contg., for integrated circuit manuf.)
RN 160878-55-7 CAPLUS
CN 1H-Benzotriazole-1-propanoic acid, 5-carboxy-, α-[2-[2,2-bis[[2-[(1-oxo-2-propenyl)oxy]ethoxy]methyl]butoxy]ethyl] ester (9CI) (CA INDEX NAME)

PAGE 1-A

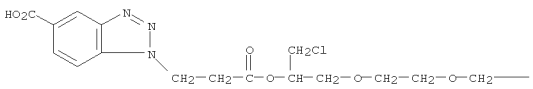


PAGE 1-B

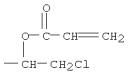


RN 160878-56-8 CAPLUS
CN 1H-Benzotriazole-1-propanoic acid, 5-carboxy-, α-[2-chloro-1-[[2-[3-chloro-2-[(1-oxo-2-propenyl)oxy]propoxy]ethoxy]methyl]ethyl] ester (9CI) (CA INDEX NAME)

PAGE 1-A



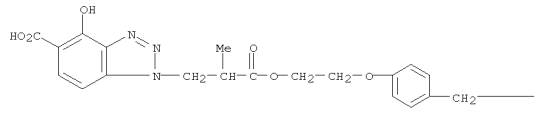
PAGE 1-B



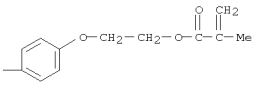
RN 160878-57-9 CAPLUS
CN 1H-Benzotriazole-1-propanoic acid, 5-carboxy-4-hydroxy-α-methyl-, α-[2-[4-[[4-[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethoxy]phenyl]methyl]

L4 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
phenoxy]ethyl] ester (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



L4 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1989:192829 CAPLUS
DOCUMENT NUMBER: 110:192829
ORIGINAL REFERENCE NO.: 110:32013a,32016a
TITLE: Preparation and testing of (1H-azol-1-ylmethyl)substituted benzotriazole derivatives as aromatase inhibitors
INVENTOR(S): Raeymaekers, Alfons H. M.; Freyne, Eddy J. E.; Van Gelder, Josephus L. H.; Venet, Marc G.
PATENT ASSIGNEE(S): Janssen Pharmaceutica N. V., Belg.
SOURCE: Eur. Pat. Appl., 57 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 293978	A2	19881207	EP 1988-201061	19880526
EP 293978	A3	19900613		
EP 293978	B1	19930915		
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
SU 1838308	A3	19930830	SU 1988-4355784	19880520
AU 8816537	A	19881201	AU 1988-16537	19880523
AU 603446	B2	19901115		
CA 1307271	C	19920908	CA 1988-567618	19880525
AT 94542	T	19931015	AT 1988-201061	19880526
ES 2059490	T3	19941116	ES 1988-201061	19880526
ZA 8803861	A	19900131	ZA 1988-3861	19880530
IL 86551	A	19920715	IL 1988-86551	19880530
DK 8802952	A	19881202	DK 1988-2952	19880531
DK 175218	B1	20040712		
FI 8802552	A	19881202	FI 1988-2552	19880531
FI 90078	B	19930915		
FI 90078	C	19931227		
NO 8802390	A	19881202	NO 1988-2390	19880531
NO 169900	B	19920511		
NO 169900	C	19920819		
CN 88103408	A	19881214	CN 1988-103408	19880601
CN 1022184	B	19930922		
JP 63316775	A	19881226	JP 1988-132886	19880601
JP 06062612	B	19940817		
HU 49132	A2	19890828	HU 1988-2783	19880601
HU 201056	B	19900928		
KR 9700952	B1	19970121	KR 1988-6557	19880601
US 4943574	A	19900724	US 1989-415440	19890928
US 5039677	A	19910813	US 1990-537831	19900613
LV 10452	B	19950820	LV 1992-233	19921127
LT 3950	B	19960527	LT 1993-1625	19931216

PRIORITY APPLN. INFO.: US 1987-56021 A 19870601
US 1988-194775 B2 19880517
EP 1988-201061 A 19880526
US 1988-223486 B1 19880725
US 1989-415440 A3 19891028

OTHER SOURCE(S): CASREACT 110:192829; MARPAT 110:192829
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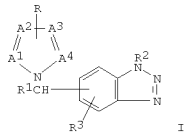
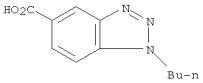


I

AB The title compds. [I; R = H, C1-6 alkyl; R1 = H, C1-10 alkyl, C3-7 cycloalkyl, (substituted) aryl, arylalkyl, C2-6 alkenyl, alkynyl; R2 = H, OH, C1-10 alkyl, arylalkyl, C3-7 cycloalkyl, C1-6 alkoxy, (substituted) aryl, C2-6 alkenyl, alkynyl, bicyclo[2.2.1]heptan-2-yl, 1H-benzimidazolyl, etc.; R3 = H, OH, NO2, amino, halo, C1-6 alkyl, alkoxy; A1:A2A3:A4 = CH:NCH:CH, CH:NCH:N, CH:NN:CH], useful as estrogen biosynthesis inhibitors, were prepared 5-(Chlorophenylmethyl)-1-methyl-1H-benzotriazole (preparation given) and imidazole were refluxed 1.5 h in MeCN to give 80.2% of 5-[(1H-imidazol-1-yl)phenylmethyl]-1-methyl-1H-benzotriazole as the mononitrate. I at 1 mg/kg orally in female rats reduced plasma estradiol levels to 2-27% of controls.

IT 120321-66-6P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as intermediate for aromatase inhibitor)

RN 120321-66-6 CAPLUS
CN 1H-Benzotriazole-5-carboxylic acid, 1-butyl- (CA INDEX NAME)



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FULL ESTIMATED COST                                    27.73     206.30

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                      ENTRY    SESSION
CA SUBSCRIBER PRICE                                    -4.00      -4.00

STN INTERNATIONAL LOGOFF AT 10:21:26 ON 19 JUN 2008
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